

TECHNICAL DATA

Fluke 324 True-RMS Clamp Meter with Temperature & Capacitance



Key features

"It does everything a HVAC or Maintenance Tech would need. Out of 12 guys I work with 9 of them had the 324" - Thomas

- Rugged, reliable basic True-RMS clamp meter
- Measure AC current up to 400 A, AC/DC voltage to 600V
- Measure resistance up to 4kΩ, continuity detection $\leq 30\Omega$
- Additions from 323 Clamp: Temperature, Capacitance, Backlight

Product overview: Fluke 324 True-RMS Clamp Meter with Temperature & Capacitance

The Fluke 324 True-RMS Clamp Meter is a reliable, solid troubleshooting tool for commercial and residential electricians, featuring True-RMS measurements, a slim design for easy transport and use, and a large display for efficient troubleshooting. With the addition of Temperature and Capacitance, it has everything an HVAC technician could need.

Troubleshoot problems safely and accurately

- CAT III 600 V, CAT IV 300 V safety rating
- Provides True RMS AC voltage and current for accurate measurements on non-linear signals

- Measures AC current up to 400 A
- Measures AC/DC voltage to 600V
- Measures resistance to 4k Ω with continuity detection $\leq 30\Omega$
- Measures temperature from -10C to 400C
- Measures capacitance to 1000 μ F
- Backlight and hold function captures a reading on the display
- Comes with a two-year warranty and soft carrying case

Fluke 320 Series Clamp Meters for electrical troubleshooting



Fluke 323 True-RMS Clamp Meter

Fluke 324 True-RMS Clamp Meter

Fluke 325 True-RMS Clamp Meter

| | Fluke 323 True-RMS Clamp Meter | Fluke 324 True-RMS Clamp Meter | Fluke 325 True-RMS Clamp Meter |
|---------------|--------------------------------|--------------------------------|---|
| AC Current | 400A | 40A / 400A | 40A / 400A |
| DC Current | | | 40A / 400A |
| AC/DC Voltage | 600V | 600V | 600V |
| Resistance | 400 Ω / 4k Ω | 400 Ω / 4k Ω | 400 Ω / 4k Ω / 40k Ω |
| Continuity | $\leq 70\Omega$ | $\leq 30\Omega$ | $\leq 30\Omega$ |
| Capacitance | | 100 μ F / 1000 μ F | 100 μ F / 1000 μ F |
| Temperature | | -10C to 400C | -10C to 400C |
| Backlight | | Yes | Yes |
| Frequency | | | 5Hz to 500Hz |
| Min/Max | | | Yes |

Contents:

- Fluke 324 True-RMS Clamp Meter
- TL75 Test Leads
- Type K Thermocouple
- Two AAA Batteries (Installed)
- Soft Case

Specifications: Fluke 324 True-RMS Clamp Meter with Temperature & Capacitance

Specifications

| | | |
|---------------------|-----------------------|--|
| AC current | Range | 40.00 A / 400.0 A |
| | Accuracy | 1.5% ± 5 digits (45 Hz to 400 Hz) Note: Add 2% for position sensitivity |
| DC current | Range | - |
| | Accuracy | - |
| AC voltage | Range | 600.0 V |
| | Accuracy | 1.5% ± 5 digits |
| DC voltage | Range | 600.0 V |
| | Accuracy | 1.0% ± 5 digits |
| Resistance | Range | 400.0 Ω / 4000 Ω |
| | Accuracy | 1.0% ± 5 digits |
| Continuity | | ≤ 30 Ω |
| Capacitance | | 0 to 100.0 μF / 100μF to 1000 μF |
| Frequency | | - |
| AC response | | True-RMS |
| Backlight | | Yes |
| Data hold | | Yes |
| Contact temperature | | -10.0°C to 400.0°C (14.0°F to 752.0°F) |
| Min/Max | | - |
| Size | H x W x D (mm) | 207 x 75 x 34 |
| | Max wire diameter | 30 mm (600 MCM) |
| | Weight | 208 g |
| Category rating | | CAT III 600 V CAT IV 300 V |
| Warranty | | Two-year |

Ordering information



Fluke 324

Fluke 324 True-RMS Clamp Meter

Includes:

- Fluke 324 True-RMS Clamp Meter
- TL75 Test Leads
- Type K Thermocouple
- Two AAA Batteries (Installed)
- Soft Case

Optional accessories

Fluke TL75 Hard Point™ Test Lead Set

Fluke TL175 TwistGuard™ Test Leads

Fluke TLK-225 SureGrip™ Master Accessory Set

Fluke insulated hand tools starter kit

Description

PVC-insulated, right-angle shrouded 4 mm (0.16 in) banana plugs

Simply twist to change the exposed probe tip length.

Includes all the SureGrip™ leads and probes in a handy six-pocket, roll-up pouch, along with TL224 test leads.

8-piece kit has the most popular screwdrivers, pliers and cutters.

Fluke. *Keeping your world up and running.®*

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